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PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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| TRANSMITTAL FORM (to be used for all correspondence after initial filing) | Application Number | 10/624,746-Conf. #6474 | |
| | Filing Date | July 22, 2003 | |
| | First Named Inventor | Alastair Hodges | |
| | Art Unit | 1753 | |
| | Examiner Name | A. S. Noguerola | |
| Total Number of Pages in This Submission | | Attorney Docket Number | 104978-0006 |

| ENCLOSURES (Check all that apply) | | |
|--|--|--|
| <input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD | <input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Return Receipt Postcard |
| <div>Remarks</div> | | |

| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT | | | |
|--|----------------------------|----------|--------|
| Firm Name | NUTTER MCLENNEN & FISH LLP | | |
| Signature | | | |
| Printed name | Kevin M. Cronin | | |
| Date | April 20, 2006 | Reg. No. | 47,203 |

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Transmittal

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as First Class Mail, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Dated: April 20, 2006

Signature:

(Kevin M. Cronin)



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| | | | |
|--|--------------------|--------------------------|------------------------|
| FEE TRANSMITTAL For FY 2005 | | Complete if Known | |
| | | Application Number | 10/624,746-Conf. #6474 |
| | | Filing Date | July 22, 2003 |
| | | First Named Inventor | Alastair Hodges |
| | | Examiner Name | A. S. Noguerola |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27 | Art Unit | 1753 | |
| TOTAL AMOUNT OF PAYMENT | (\$) 180.00 | Attorney Docket No. | 104978-0006 |

| | |
|--|---|
| METHOD OF PAYMENT (check all that apply) | |
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| <input type="checkbox"/> Deposit Account | Deposit Account Number: 141449 |
| Deposit Account Name: Nutter McClennen & Fish LLP | |
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| | | | | | | | |
|---|---------------------|---|----------------------|----------------------------------|-------------------------|------------------------------|------------------------------|
| FEE CALCULATION | | | | | | | |
| 1. BASIC FILING, SEARCH, AND EXAMINATION FEES | | | | | | | |
| Application Type | FILING FEES | | SEARCH FEES | | EXAMINATION FEES | | Fees Paid (\$) |
| | Fee (\$) | Small Entity Fee (\$) | Fee (\$) | Small Entity Fee (\$) | Fee (\$) | Small Entity Fee (\$) | |
| Utility | 300 | 150 | 500 | 250 | 200 | 100 | _____ |
| Design | 200 | 100 | 100 | 50 | 130 | 65 | _____ |
| Plant | 200 | 100 | 300 | 150 | 160 | 80 | _____ |
| Reissue | 300 | 150 | 500 | 250 | 600 | 300 | _____ |
| Provisional | 200 | 100 | 0 | 0 | 0 | 0 | _____ |
| 2. EXCESS CLAIM FEES | | | | | | | |
| Fee Description | | | | | | | Small Entity Fee (\$) |
| Each claim over 20 (including Reissues) | | | | | | | 50 |
| Each independent claim over 3 (including Reissues) | | | | | | | 200 |
| Multiple dependent claims | | | | | | | 360 |
| Total Claims | Extra Claims | Fee (\$) | Fee Paid (\$) | Multiple Dependent Claims | | Fee (\$) | Fee Paid (\$) |
| _____ | _____ | _____ | _____ | _____ | | _____ | _____ |
| Indep. Claims | Extra Claims | Fee (\$) | Fee Paid (\$) | | | | |
| _____ | _____ | _____ | _____ | | | | |
| 3. APPLICATION SIZE FEE | | | | | | | |
| If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s). | | | | | | | |
| Total Sheets | Extra Sheets | Number of each additional 50 or fraction thereof | | Fee (\$) | Fee Paid (\$) | | |
| _____ | _____ | /50 _____ (round up to a whole number) x _____ | | _____ | _____ | | |
| 4. OTHER FEE(S) | | | | | | | |
| Non-English Specification, \$130 fee (no small entity discount) | | | | | | | Fees Paid (\$) |
| Other (e.g., late filing surcharge): 1806 Submission of an Information Disclosure Statement | | | | | | | 180.00 |

| | | | |
|---------------------|-----------------|-----------------------------------|----------------|
| SUBMITTED BY | | | |
| Signature | | Registration No. (Attorney/Agent) | 47,203 |
| Name (Print/Type) | Kevin M. Cronin | Telephone | (617) 439-2000 |
| | | Date | April 20, 2006 |

| | |
|---|-------------------------------|
| Fee Transmittal | |
| I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as First Class Mail, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. | |
| Dated: April 20, 2006 | Signature: (Kevin M. Cronin) |

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Dated: April 20, 2006

Signature: _____

(Kevin M. Cronin)

Docket No.: 104978-0006
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Alastair Hodges et al.

Application No.: 10/624,746

Confirmation No.: 6474

Filed: July 22, 2003

Art Unit: 1753

For: ELECTROCHEMICAL CELL

Examiner: A. S. Noguerola

INFORMATION DISCLOSURE STATEMENT (IDS)

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed more than three months after the U.S. filing date, OR more than three months after the date of entry of the national stage of a PCT application, AND after the mailing date of the first Office Action on the merits, whichever occurs first, but before the mailing date of a Final Office Action or Notice of Allowance (37 CFR 1.97(c)).

A summary/abstract translation of the non-English language references is enclosed.

Applicant has not submitted copies of each cited U.S. patent and U.S. patent application as required by 37 CFR 1.98(a)(2)(i), amended October 2004, as the U.S. Patent and Trademark Office

has waived this requirement for all U.S. patent applications. Applicant submits herewith copies of foreign and non-patents in accordance with 37 CFR 1.98(a)(2).

Our check in the amount of \$180.00 covering the fee set forth in 37 CFR 1.17(p) is enclosed. The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 141449, under Order No. 104978-0006.

Dated: April 20, 2006

Respectfully submitted,

By 

Kevin M. Cronin

Registration No.: 47,203

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PTO/SB/08a/b (07-05)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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| Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary) | | | | Complete if Known | |
| | | | | Application Number | 10/624,746-Conf. #6474 |
| | | | | Filing Date | July 22, 2003 |
| | | | | First Named Inventor | Alastair Hodges |
| | | | | Art Unit | 1753 |
| | | | | Examiner Name | A. S. Noguerola |
| Sheet | 1 | of | 1 | Attorney Docket Number | 104978-0006 |

| U.S. PATENT DOCUMENTS | | | | | |
|-----------------------|-----------------------|--|--------------------------------|--|---|
| Examiner Initials* | Cite No. ¹ | Document Number | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | Number-Kind Code ² (if known) | | | |
| | AA* | US-6,251,260 | 06-26-2001 | Heller et al. | |
| | AB* | US-5,171,689 | 12-15-1992 | Kawaguri et al. | |
| | AC* | US-6,284,125 | 09-04-2001 | Hodges et al. | |
| | AD* | US-5,108,564 | 04-28-1992 | Szuminsky et al. | |
| | AE* | US-5,942,102 | 08-24-1999 | Hodges et al. | |
| | AF* | US-6,413,410 | 07-02-2002 | Hodges et al. | |
| | AG* | US-6,193,873 | 02-27-2001 | Ohara et al. | |
| | AH* | US-5,762,770 | 06-09-1998 | Pritchard et al. | |
| | AI* | US-6,544,212 | 04-08-2003 | Galley et al. | |
| | AJ* | US-6,780,756 | 08-24-2004 | Farber et al. | |

| FOREIGN PATENT DOCUMENTS | | | | | | |
|--------------------------|-----------------------|---|--------------------------------|--|---|----------------|
| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T ⁵ |
| | | Country Code ³ -Number ⁴ -Kind Code ⁶ (if known) | | | | |
| | BA | JP-05002007 | 01-08-1993 | | | |
| | BB | EP-0290770 | 11-17-1988 | | | |
| | BC | EP-0400918 | 12-05-1990 | | | |
| | BD | JP-04343065A | 11-30-1992 | | | |
| | BE | DE-3103484 | 08-26-1982 | | | |

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. * CITE NO.: Those application(s) which are marked with an asterisk (*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

| NON PATENT LITERATURE DOCUMENTS | | | | | |
|---------------------------------|-----------------------|--|--|--|----------------|
| Examiner Initials | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | | | T ² |
| | CA | Osamu, Niwa, et al. "Electrochemical Behavior of Reversible Redox Species at Interdigitated Array Electrodes with Different Geometries: Consideration of Redox Cycling and Collection Efficiency", Analytical Chemistry; March 1990, vol. 62, No. 5, pp.447-452. | | | |
| | CB | European Search Report number 03 00 7604. | | | |

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

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